

ALADDIN PLATING OU2
ADMINISTRATIVE RECORD FILE * **
INDEX OF DOCUMENTS

II. REMEDIAL ENFORCEMENT PLANNING

1. Letter to Mr. Richard McCannon, U.S. Marshals Service, from Ms. Denise Parkinson, U.S. EPA, re: Service of a Comprehensive Environmental Response, Compensation, and Liability Act/Resource Conservation and Recovery Act (CERCLA/RCRA) notice letter, 10/20/87. P. 200001-200005. A copy of the notice letter dated October 20, 1987 and a Site Location Map are attached.
2. Handwritten letter to Ms. Kathleen D. Siftar, U.S. EPA, from Mr. Russell Richards, re: Description of operations at Aladdin Plating, 10/28/87. P. 200006-200009.
3. Letter to Mrs. Winifred P. Richards from Mr. Thomas C. Voltaggio, U.S. EPA, re: Notification of special notice waiver, 5/20/91. P. 200010-200011.
4. Letter to Mr. Russell Richards, II from Mr. Thomas C. Voltaggio, U.S. EPA, re: Notification of special notice waiver, 5/20/91. P. 200012-200014. A Routing and Transmittal Slip is attached.

* Administrative Record File available 12/19/91, updated 5/7/93 7/21/93, 12/16/93, 1/5/94, and 10/6/99.

** Further information regarding Aladdin Plating OU2 can be found in the Aladdin Plating OU1 Administrative Record File.

III. REMEDIAL RESPONSE PLANNING

1. Memorandum to Mr. Dave Wright, U.S. EPA, from Mr. Bhupi Khona, Roy F. Weston, Inc., re: Drinking water sampling results, 5/5/87. P. 300001-300039. The sampling results for sample numbers 870417.55 to 870417.83 and a Chain of Custody Record are attached.
2. Memorandum to Mr. David Wright, U.S. EPA, from Mr. Harry L. Allen, U.S. EPA, re: Evaluation of the metal analysis of soil samples, 8/27/87. P. 300040-300045. Three Subsurface Cr Concentration diagrams are attached.
3. Report: Hydrogeological Investigations, Aladdin Plating Site, Scott and Abington Townships, Lackawanna County, Pennsylvania, Final Draft Report, prepared by Mr. Stephen Posten, Mr. Michael Mulvaney, and Mr. Mark Schuknecht, 2/1/88. P. 300046-300312.
4. Report: Engineering Evaluation/Cost Analysis, Field Study of the Aladdin Plating Site, Scott and Abington Townships, Lackawanna County, Pennsylvania, prepared by Weston-Sper, 7/15/88. P. 300313-300328. A cover memorandum is attached.
5. Record of Decision, Aladdin Plating Site, 9/27/88. P. 300329-300355.
6. Memorandum to Mr. Patrick McManus, U.S. EPA, from Mr. Robert S. Davis and Ms. Mindi Snoparsky, U.S. EPA, re: Work to be performed at the site, 7/20/90. P. 300356-300357.
7. Memorandum to Mr. Patrick McManus, U.S. EPA, from Ms. Diane Wehner, Mr. Bob Davis, and Mr. Ron Preston, U.S. EPA, re: Need to evaluate the potential impact of contaminated groundwater on surface water, 9/6/90. P. 300358-300359. An envelope is attached.
8. Letter to Mr. Timothy Travers, B&V Waste Science and Technology Corporation, from Mr. Pat McManus, U.S. EPA, re: Comments on the Remedial

Investigation/Feasibility Study (RI/FS) Work Plan, 12/17/90. P. 300360-300396. The following are attached:

- a) a memorandum regarding the draft Work Plan, dated December 13, 1990;
 - b) a memorandum regarding review of the draft Work Plan, dated December 7, 1990;
 - c) a memorandum regarding the collection of soil samples, dated December 10, 1990;
 - d) a memorandum regarding Quality Assurance (QA) reviews of the Work Plan (WP) and the Sampling Analysis Plan (SAP), dated November 30, 1990;
 - e) A Quality Assurance Project Plan Review;
 - f) a memorandum regarding a review of the draft RI/FS Work Plan and the Field Sampling Plan, dated December 3, 1990;
 - g) a memorandum regarding toxicological aspects of the Work Plan, dated December 3, 1990.
9. Memorandum to Mr. Patrick McManus, U.S. EPA, from the Biological Technical Advisory Group, U.S. EPA, re: Review of the draft Work Plan, 12/20/90. P. 300397-300399.
10. Letter to Mr. Patrick McManus, U.S. EPA, from Mr. Thomas Ziemba, PADER, re: Comments on the draft RI/FS Work Plan, the Health & Safety Plan, the Field Sampling Plan, and the Quality Assurance Project Plan, 12/21/90. P. 300400-400405.
11. Report: Work Plan, Aladdin Plating Superfund Site, Ground Water and Environmental Assessment, Remedial Investigation/Feasibility Study, prepared by B&V Waste Science and Technology Corporation, 1991. P. 300406-301068. Comments on the draft Work Plan, the Health and Safety Plan, Field Sampling Plan, and the Quality Assurance Project Plan are attached.

12. Letter to Mr. Paul Cooper from Ms. Karen Caparo, Pennsylvania Gas and Water Company, re: Water samples collected from Mr. Cooper's well, 2/4/91. P. 301069-301071. Water sampling results and an envelope are attached.
13. Letter to Mr. Russell Richards, II from Mr. Patrick McManus, U.S. EPA, re: Request for Right of Entry to install a monitoring well, 4/2/91. P. 301072-301075. A Right of Entry form and a Monitoring Well Location Map are attached.
14. Remedial Investigation Drilling Program Tentative Schedule, 9/20/91. P. 301076-301077.
15. Letter to Mr. Patrick McManus, U.S. EPA, from Mr. Timothy T. Travers, B&V Waste Science and Technology Corporation, re: Handling of purge waste and soils cuttings, 9/26/91. P. 301078-301086. The following are attached:
 - a) Waste Management information;
 - b) Figure 1, Proposed Drilling and Sampling Site Logistics;
 - c) Figure 2, Waste Management Flow Chart, Soil Borings and Well Cuttings;
 - d) Figure 3, Waste Water Management Flow Chart, Purge and Well Cuttings;
 - e) Appendix A, Waste Holding Area;
 - f) Figure A-1, Spill Containment Area Plan;
 - g) Appendix B, Chemicals of Concern.
16. Report: Optimizing Seismic Refraction Results Through Pre-Survey Testing, prepared by The Earth Technology Corporation, U.S. EPA, and B&V Waste Science and Technology Corporation, (undated). P. 301087-301103.

17. Letter to Mr. Patrick McManus, U.S. EPA, from Mr. Paul V. Panek, PADER, re: Comments on the draft RI/FS, 10/9/92. P. 301104-301109. An envelope is attached.
18. Report: Remedial Investigation/Feasibility Study for the Aladdin Plating Superfund Site, Scott and South Abington Townships, Lackawanna County, PA, Volume I, prepared by B&V Waste Science and Technology Corporation and Earth Technology Corporation, 11/92. P. 301110-301721.
19. Report: Remedial Investigation/Feasibility Study for the Aladdin Plating Superfund Site, Scott and South Abington Townships, Lackawanna County, PA, Volume II, prepared by B&V Waste Science and Technology Corporation and Earth Technology Corporation, 11/92. P. 301722-302484.
20. Letter to Mr. Gregory Ham, U.S. EPA, from Mr. Paul V. Panek, PADER, re: Comments on the draft Proposed Plan for Operable Unit (OU) 2, 1/7/93. P. 302485-302490.
21. Letter to Mr. Paul V. Panek, PADER, from Mr. Gregory Ham, U.S. EPA, re: Response to Mr. Panek's comments on the draft Proposed Plan, 3/29/93. P. 302491-302496. A memorandum dated February 11, 1993 regarding a review of the RI is attached.
22. Journal article entitled, "Kinetics of Chromate Reduction by Ferrous Ions Derived From Hematite and Biotite at 25°C," prepared by L.E. Eary and Dhanpat Rai, American Journal of Science Vol. 289, 2/89. P. 302497-302513.
23. Report: Electrokinetics for Removal of Low-level Radioactivity from Soil, prepared by Mr. Sibel Pamukcu, Phd., and Mr. J. Kenneth Wittle, Phd., 12/31/92. P. 302514-302546. A letter about the feasibility of electrokinetic extraction is attached.
24. Letter to Mr. Gregory Ham, U.S. EPA, from Mr. Randy A. Parker, U.S. EPA, re: Review of the feasibility of electrokinetic extraction, 2/11/93. P. 302547-

302547.

25. Memorandum to Mr. Steve Anderson, from Mr. Chris Beetham, B&V Waste Science and Technology Corp., re: Summary of water well samplings, 3/9/93. P. 302548-302574. Summary sheets for water sampling are attached.
26. Superfund Program Proposed Plan, Aladdin Plating Site, 7/93. P. 302575-302591.
27. Journal article entitled "Chromate Adsorption on Amorphous Iron Oxyhydroxide in the Presence of Major Groundwater Ions," prepared by Mr. John M. Zachara, Mr. Donald C. Girvin, Mr. Ronald L. Schmidt, and Mr. C. Thomas Resch, Environmental Science Technology, 2/6/87. P. 302592-302597.
28. Journal article entitled "Kinetics of Chromium (III) Oxidation to Chromium (VI) by Reaction with Manganese Dioxide," prepared by Mr. L. Edmond Eary and Dhanpat Rai, Environmental Science Technology, 7/20/87. P. 302598-302604.
29. Journal article entitled "Chromate Removal from Aqueous Wastes by Reduction with Ferrous Ion," prepared by Mr. L.E. Eary and Dhanpat Rai, Environmental Science Technology, 2/22/88. P. 302605-302610.
30. Report: Chromate Reduction and Heavy Metal Fixation in Soil, prepared by Sizemore Technical Services, Inc., 6/92. P. 302611-302687.
31. Memorandum to file from Mr. Gregory Ham, U.S. EPA, re: A telephone conversation with Dhanpat Rai concerning his paper on the use of Biotite or Hematite for the conversion of hexavalent chromium to trivalent chromium, 12/8/93. P. 302688-302688.
32. Record of Decision, Aladdin Plating Site, Operable Unit 2 (OU2), Scott and South Abington Townships, Lackawanna County, Pennsylvania, 12/30/93. P. 302689-302769.
33. Five Year Review Report, Aladdin Plating Superfund Site, Scott and South Abington Townships, Lackawanna

County, Pennsylvania, prepared by U.S. EPA, 9/29/99.
P. 302770-302774.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL
CORRESPONDENCE/IMAGERY

1. Report: Site Analysis, Aladdin Plating, Scott Township, Pennsylvania, prepared by The Bionetics Corporation, 9/90. P. 500001-500034.
2. Report: Aladdin Plating Superfund Site Community Relations Plan, Lackawanna County, Pennsylvania, prepared by B&V Waste Science and Technology Corporation, 9/91. P. 500035-500055.
3. Transcript of Proceedings, Public EPA Hearing, Aladdin Plating Site, prepared by Northeast Reporting Services, Inc., 8/5/93. P. 500056-500161.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. Data Quality Objectives for Remedial Response Activities, Development Process, prepared by U.S. EPA, 3/87.
EPA/540/G-87/003
2. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, prepared by U.S. EPA, 10/88.
3. Risk Assessment Guidance for Superfund Volume I - Human Health Evaluation Manual (Part A), prepared by U.S. EPA, 12/89.
EPA/540/1-89/002
4. Risk Assessment Guidance for Superfund Volume II - Environmental Evaluation Manual, prepared by U.S. EPA, 3/89.
EPA/540/1-89/013
5. CERCLA Compliance with Other Laws Manual, Part I, prepared by U.S. EPA, 8/88.
OSWER 9234.1-01
6. CERCLA Compliance with Other Laws Manual, Part II, prepared by U.S. EPA, 8/89.
OSWER 9234.1-02
7. Exposure Factors Handbook, prepared by U.S. EPA, 4/90.
EPA/600/8-89/043
8. Superfund Exposure Assessment Manual, prepared by U.S. EPA, 4/88.
EPA/540/1-88/001
9. RCRA Ground-Water Monitoring Technical Enforcement Guidance Document (TEGD), prepared by OSWER, 1986.
OSWER 99501.1
10. Guidance for Evaluating the Technical Impracticability of Ground-Water Restoration, prepared by OSWER, 9/93. OSWER 9234.2-25.

